

Understanding Symptoms and Transmission of Dengue Fever as Cases Increase in the US

Description

Video - Understanding Dengue Fever: Symptoms

Mosquitoes are spreading dengue fever at alarming rates across the Americas, putting U.S. travelers at risk of bringing the potentially life-threatening virus back home. Health officials in the U.S. are concerned about the increasing number of infections and the potential for sustained local transmission.

Experts warn that more people will be infected as summer approaches and hurricane season hits. Climate change is creating conditions that allow the dengue-transmitting Aedes aegypti mosquito to thrive, posing a significant threat.

The U.S. has already seen a surge in dengue cases, surpassing any year in the last decade. Travel-related infections are on the rise, with Puerto Rico declaring a public health emergency due to local transmission.

The Centers for Disease Control and Prevention has issued a health advisory warning about the increased risk of dengue in the U.S. Recent extreme weather events, such as Hurricane Beryl, provide breeding grounds for mosquitoes and the spread of dengue.

Preventing mosquito bites is crucial, as there is currently no widely available vaccine for dengue. Vigilance, protection, and awareness are key in combating the spread of this dangerous virus.

Vocabulary List:

- 1. **Dengue** /'dɛŋgeɪ/ (noun): A viral disease transmitted by mosquitoes characterized by high fever severe headache pain behind the eyes and joint and muscle pain.
- 2. Transmission /trænz'mɪʃən/ (noun): The act or process of transmitting something often referring to diseases.
- 3. **Infection** /ɪnˈfɛkʃən/ (noun): The invasion and multiplication of microorganisms in body tissues which can lead to disease.
- 4. Vigilance /'vɪdʒɪləns/ (noun): Careful watchfulness for possible danger or difficulties.
- 5. **Surge** /s3rdʒ/ (noun): A sudden powerful forward or upward movement often used in the context of an increase in numbers or intensity.
- 6. **Climate Change** /'klaımət tʃeɪndʒ/ (noun): Long-term alteration in temperature and typical weather patterns in a place often attributed to human activity.

Comprehension Questions



Multiple Choice

1. What is the main concern of health officials in the U.S. regarding dengue fever?

Option: Increased mosquito population Option: Potential local transmission Option: Climate change impact Option: Vaccine availability

2. Which mosquito is responsible for transmitting dengue fever?

Option: Anopheles mosquito Option: Culex mosquito

Option: Aedes aegypti mosquito Option: Asian tiger mosquito

3. What factor allows the Aedes aegypti mosquito to thrive according to experts?

Option: Winter season Option: Air pollution Option: Climate change Option: Deforestation

4. What recent extreme weather event is mentioned in relation to dengue transmission?

Option: Blizzard Option: Heatwave

Option: Hurricane Beryl

Option: Tornado

5. What is emphasized as crucial for preventing dengue fever in the absence of a vaccine?

Option: Utilizing insect repellents

Option: Increasing mosquito population

Option: Wearing sunscreen Option: Avoiding fruits

6. Why are travel-related infections on the rise according to the text?

Option: Lack of awareness Option: Increased airline prices Option: Hurricane impact Option: Local transmission



Answer

Multiple Choice: 1. Potential local transmission 2. Aedes aegypti mosquito 3. Climate change 4. Hurricane Beryl 5. Utilizing insect repellents 6. Local transmission

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What documents are provided by physicians for medication?

Option: Identification Option: Prescriptions Option: Certificates Option: Receipts

ESL-NEWS.COM 2. What type of methods are used to prevent pregnancy?

Option: Contraceptive Option: Antibiotics Option: Painkillers Option: Vitamins

3. What condition is characterized by a decline in cognitive function?

Option: Diabetes Option: Hypertension Option: Dementia Option: Arthritis

4. Which term refers to the standard or degree of excellence?

Option: Weight **Option: Quantity** Option: Quality Option: Speed

5. How is a disease passed from one person to another referred to as?

Option: Transition Option: Transgression Option: Transmission Option: Transcription



6.	What are the expenses associated with goods or services called?	
	Option: Profits	
	Option: Costs	
	Option: Savings	
	Option: Income	
7.	What is the ability to make decisions independently called?	
	Option: Leadership	
	Option: Dependency	
	Option: Autonomy	
	Option: Guidance	
	What is the act of satisfying desires or impulses?	
	Option: Control	
	Option: Restraint	
	Option: Temperance	
	Option: Indulgence	
9.	What term is used to describe a sudden large increase or rise? Option: Decline Option: Stagnation Option: Plummet Option: Surge	
	Option: Decline	
	Option: Stagnation	
	Option: Plummet	
	Option: Surge	
10	. What is the action or state of keeping careful watch for possible danger called?	
	Option: Negligence	
	Option: Vigilance	
	Option: Carelessness	
	Option: Indifference	
G	ap-Fill (Fill in the blanks with the correct word from the vocabulary list.)	
11	Overcoming is a part of personal growth.	
12	2. Consuming too much food can be detrimental to health.	
13	s. Foods that are tend to have high energy content.	
14	. To apply for the scholarship students must meet certain	criteria.
15	. Recognizing your is essential for personal development.	



16. It is important to ensure that meals are balanced and adequate.		
17. Justice should be and fair for all individuals.		
18. The doctor that the patient follow a specific diet plan.		
19. Enjoying treats in is key to a balanced diet.		
20. The list of used in the recipe should be checked for allergens.		
Matching Sentences (Match each definition to the correct word from the vocabulary list.)		
21. The new regulations impacted the industry .		
22. The website is designed to be easily on various devices.		
23. The latest fashion is minimalist clothing.		
24. Individuals may seek to manage stress and anxiety.		
25. Preventing mosquito bites can help reduce the risk of contracting .		
26. Highly foods often contain added sugars and preservatives.		
27. Engaging in puzzles can help maintain abilities.		
28. With age there may be a in muscle mass if not actively maintained.		
29. is considered a significant global environmental concern.		
30. Regular handwashing can help prevent the spread of germs and .		

Answer

Multiple Choice: 1. Prescriptions 2. Contraceptive 3. Dementia 4. Quality 5. Transmission 6. Costs 7.

Autonomy 8. Indulgence 9. Surge 10. Vigilance

Gap-Fill: 11. Difficulties 12. Processed 13. Calorie-dense 14. Eligibility 15. Limitations 16. Nutritionally

17. Equitable 18. Recommended 19. Moderation 20. Ingredients

Matching sentence: 1. Significantly 2. Accessible 3. Trend 4. Counseling 5. Dengue 6. Processed 7. Cognitive

8. Decline 9. Climate Change 10. Infection



CATEGORY

1. Health - LEVEL2

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